

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042618\
 Data File : BN000944.D
 Acq On : 26 Apr 2018 22:06
 Operator : JU/SJ
 Sample : J2526-05MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Apr 27 08:24:26 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 27 08:22:19 2018
 Response via : Initial Calibration

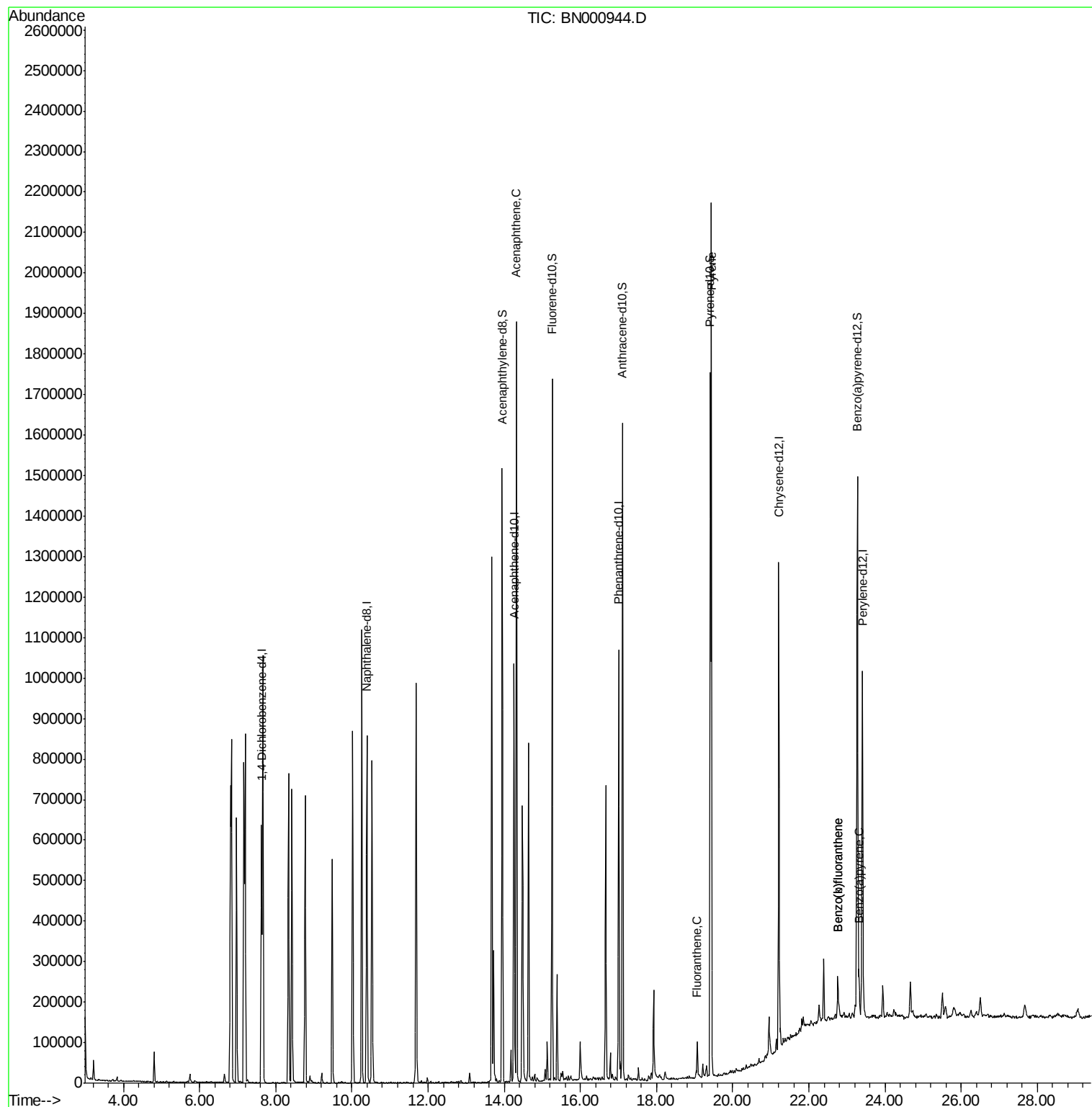
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	161034	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	679388	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	321151	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.01	188	574164	20.00	ng/ul	0.00
17) Chrysene-d12	21.21	240	506296	20.00	ng/ul	0.00
22) Perylene-d12	23.41	264	534976	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	13.95	160	954124	30.93	ng/ul	0.00
10) Fluorene-d10	15.26	176	624661	30.34	ng/ul	0.00
14) Anthracene-d10	17.10	188	831693	31.68	ng/ul	0.00
18) Pyrene-d10	19.41	212	820523	31.63	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.27	264	882190	34.91	ng/ul	0.00
Target Compounds				Ovalue		
9) Acenaphthene	14.32	153	711010	33.710	ng/ul	95
16) Fluoranthene	19.07	202	46942	1.477	ng/ul#	94
19) Pyrene	19.44	202	1150002	35.363	ng/ul#	89
23) Benzo(b)fluoranthene	22.76	252	41035	1.350	ng/ul#	90
24) Benzo(k)fluoranthene	22.76	252	50981	1.714	ng/ul#	90
26) Benzo(a)pyrene	23.32	252	29874	1.028	ng/ul#	88

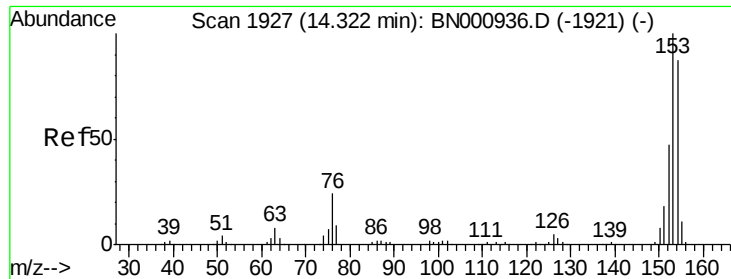
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#9

Acenaphthene

Concen: 33.710 ng/ul

RT: 14.32 min Scan# 1927

Delta R.T. -0.00 min

Lab File: BN000944.D

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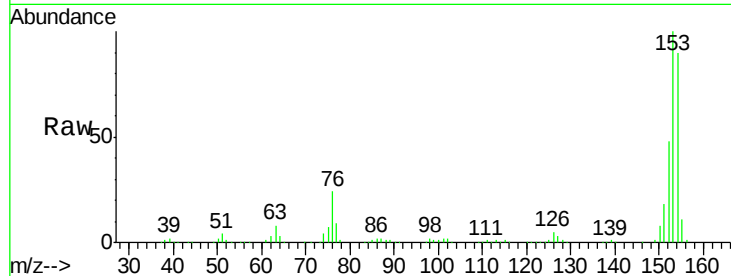
Tot Ion:153 Resp: 711010

Ion Ratio Lower Upper

153 100

152 47.5 39.0 58.6

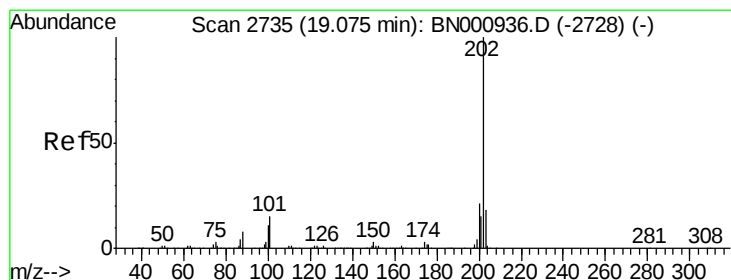
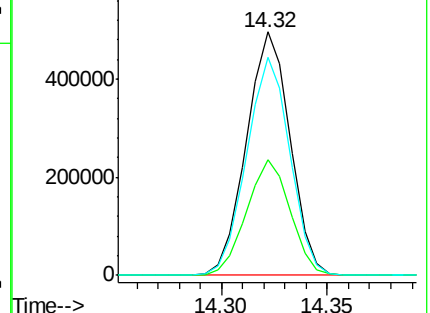
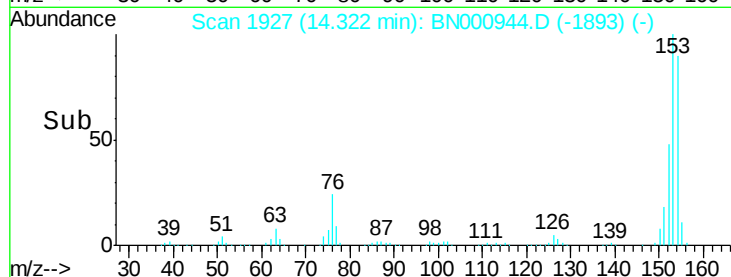
154 89.7 66.8 100.2



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#16

Fluoranthene

Concen: 1.477 ng/ul

RT: 19.07 min Scan# 2735

Delta R.T. -0.00 min

Lab File: BN000944.D

Acq: 26 Apr 2018 22:06

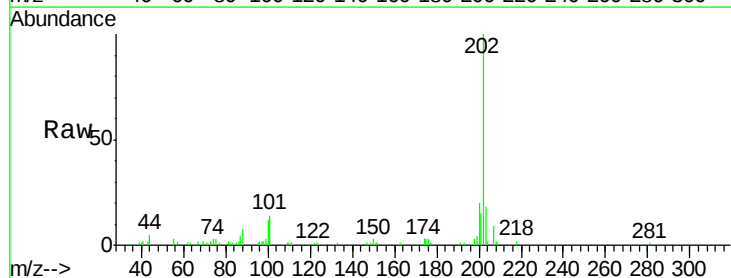
Tgt Ion:202 Resp: 46942

Ion Ratio Lower Upper

202 100

101 14.3 9.9 14.9

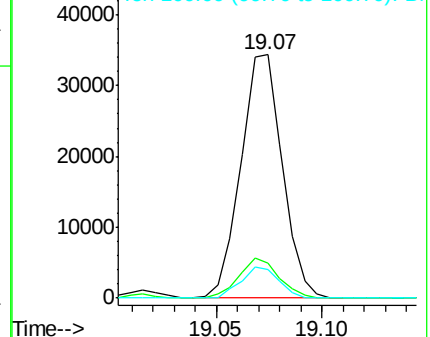
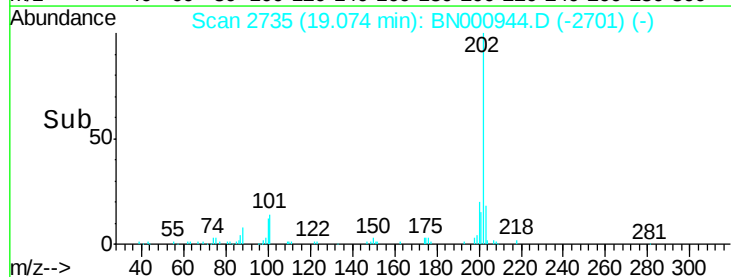
100 11.6 7.4 11.0#

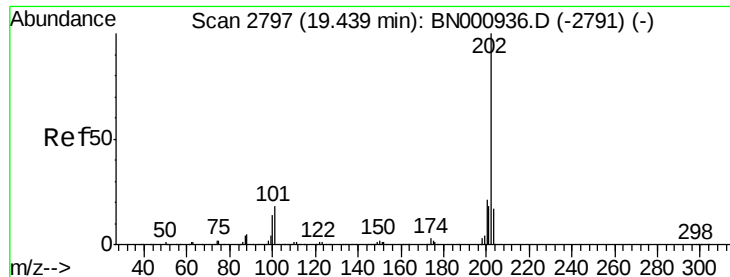


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#19

Pvrene

Concen: 35.363 ng/ul

RT: 19.44 min Scan# 2797

Delta R.T. -0.00 min

Lab File: BN000944.D

Acq: 26 Apr 2018 22:06

Instrument :

BNA_N

ClientSampled :

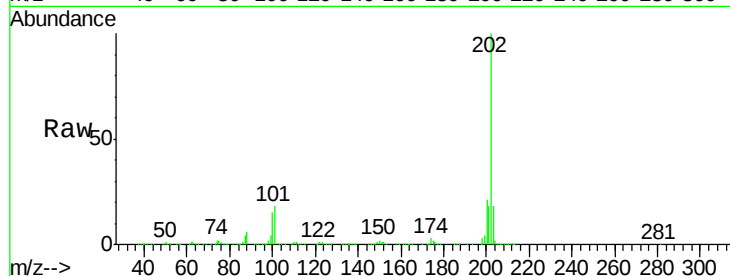
Tot Ion:202 Resp: 1150002

Ion Ratio Lower Upper

202 100

101 17.7 11.0 16.4#

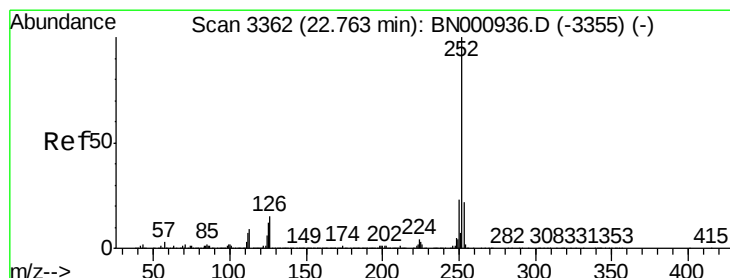
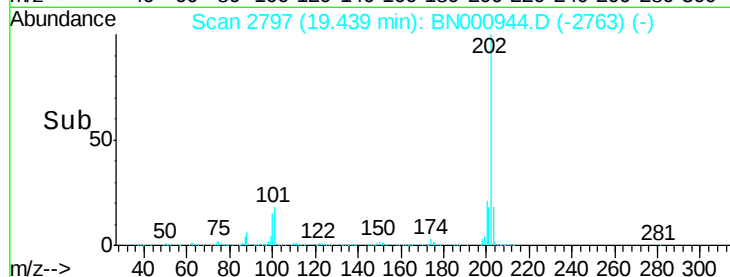
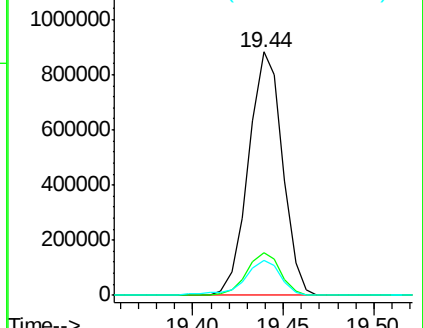
100 14.6 8.1 12.1#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#23

Benzo(b)fluoranthene

Concen: 1.350 ng/ul

RT: 22.76 min Scan# 3361

Delta R.T. -0.01 min

Lab File: BN000944.D

Acq: 26 Apr 2018 22:06

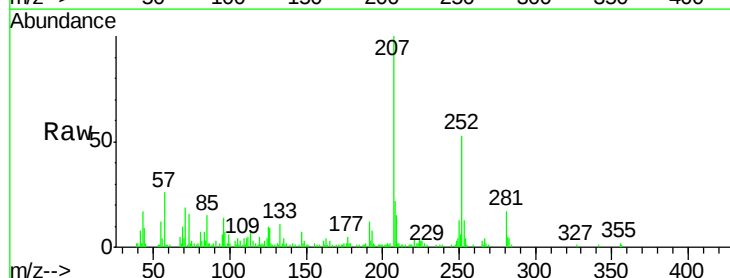
Tgt Ion:252 Resp: 41035

Ion Ratio Lower Upper

252 100

253 24.7 18.0 27.0

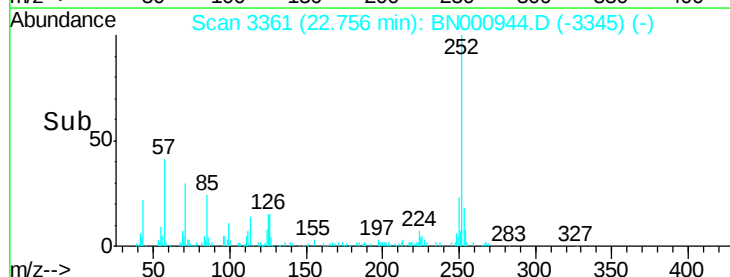
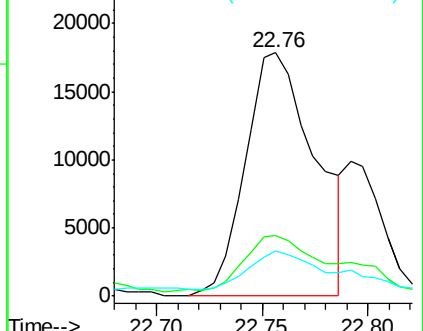
125 18.6 8.0 12.0#

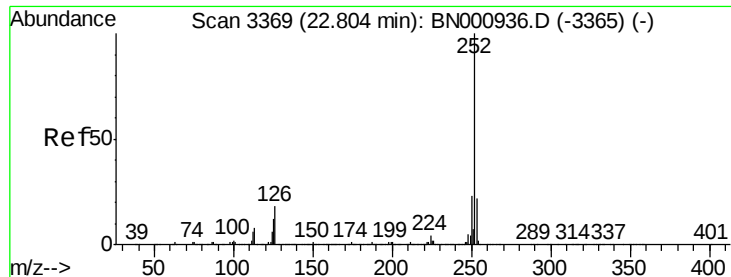


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#24

Benzo(k)fluoranthene

Concen: 1.714 ng/ul

RT: 22.76 min Scan# 3361

Delta R.T. -0.05 min

Lab File: BN000944.D

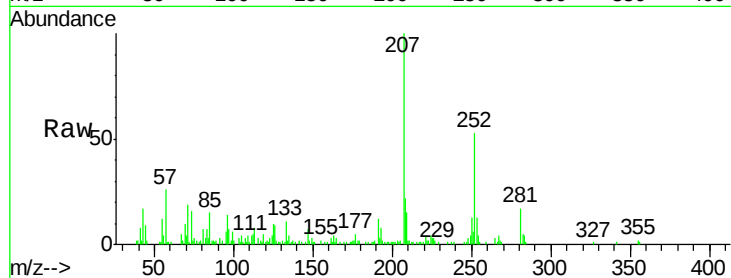
Acq: 26 Apr 2018 22:06

Instrument :

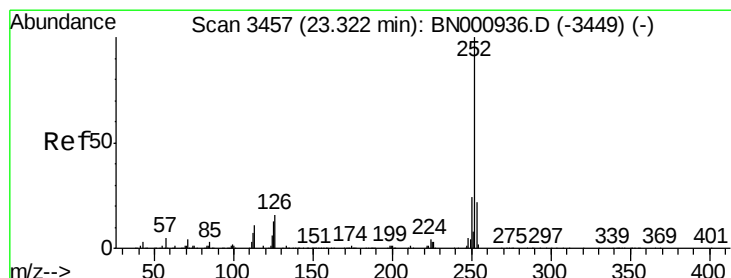
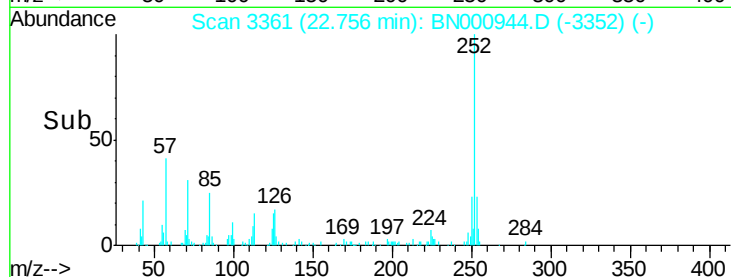
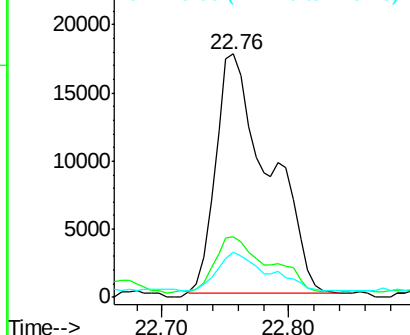
BNA_N

ClientSampleId :

Tot Ion:252	Resp:	50981
Ion Ratio	Lower	Upper
252	100	
253	24.7	18.0 27.0
125	18.6	8.1 12.1#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#26

Benzo(a)pyrene

Concen: 1.028 ng/ul

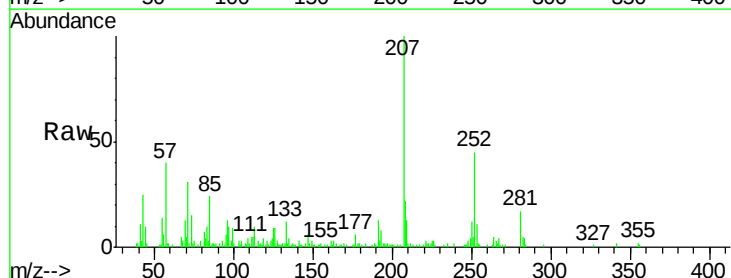
RT: 23.32 min Scan# 3456

Delta R.T. -0.01 min

Lab File: BN000944.D

Acq: 26 Apr 2018 22:06

Tgt Ion:252	Resp:	29874
Ion Ratio	Lower	Upper
252	100	
253	24.6	17.2 25.8
125	19.2	8.2 12.4#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

